INSTRUCTIONS FOR SECTION III - PURPOSE OF FILING

Item 1. Applicants should enter in alphabetical order one or more letters corresponding to the listed purposes of this filing; i.e., a request for authorization of a new station or request for authority to make various modifications to an authorized station, or notification of facilities modifications already made where specific FCC authorization is not required. Describe in an exhibit facilities changes or other purposes not listed in this item.

INSTRUCTIONS FOR SECTION IV - STATION LOCATION INFORMATION

Item 1. This item indicates the nature of an action regarding transmitting antenna site coordinates. Applicants may use this form to correct the geographic coordinates of their antenna site. However, a discrepancy of more than 10 seconds in site latitude, longitude or both requires the filing of a major change application.

Items 2 - 5. These items identify the antenna site by its address, or if there is no address, by a brief description of the location such as a distance and direction from known landmarks, city or town, county and state. If not located in a city or town, insert the name of the nearest identifiable community.

Item 6. This item is the geographic coordinates of the location of the transmitting antenna site. Items 6a. and 6b. are the North Latitude and West Longitude, respectively, with reference to North American Datum of 1927 (NAD27). Specify South Latitude and East Longitude where applicable; otherwise, North Latitude and West Longitude will be presumed. Geographic coordinates should be rounded off to the nearest second; e.g., 29.5' is rounded to 30'. The National Geodetic Survey is in the process of replacing NAD27 with the more accurate 1983 North American Datum (NAD83) and updating current topographic maps with NAD83 datum. In addition, coordinates determined by use of the satellite-based Global Positioning System already reflect the NAD 83 datum. To prevent intermixing of data using two different datum, however, the Commission announced that until further notice, applicants are to furnish coordinates based on NAD27 datum on all submissions and the Commission will continue to specify NAD27 coordinates in its data bases and authorizations. In addition, applicants who have already filed applications with coordinates that reflect NAD 83 datum must provide NAD27 coordinates to the appropriate Commission licensing bureau. See Public Notice, entitled "FCC Interim Procedures for the Specification of Geographic Coordinates," 3 FCC Rcd 1478 (1988).

Item 7. This item reports the ground elevation of the transmitting site in meters above mean sea level.

Item 8. This item keys to location data in the data base that is to be replaced by the data in Items 2 - 6. The filer should complete this item only if (1) correcting geographical coordinates or (2) relocating the pertinent facilities at the location indicated by this item to the location specified in Items 2 - 6.

Item 9. **Quiet Zone**. Quiet zones are those areas where it is necessary to restrict radiation so as to minimize possible impact on the operations of radio astronomy or other facilities that are highly sensitive to radio frequency interference. The protected areas involved and procedures required are given in 47 CFR Section 21.113.

Item 10. **Environmental Policy**. Each applicant should check the appropriate box to indicate whether a Commission grant of the proposed communications facility(ies) may or may not have a significant environmental impact as defined by 47 C.F.R. Section 1.1307. Briefly, Commission grant of an application may have a significant environmental impact if any of the following are proposed:

(a) A facility is to be located in sensitive areas (e.g., an officially designated wilderness area, a wildlife preserve area, a flood plain) or will physically or visually affect sites significant in American history.

(b) A facility whose construction will involve significant changes in surface features.

(c) The antenna tower and/or supporting structure(s) will be equipped with high intensity white lights and are to be located in residential neighborhoods.

(d) The facilities or the operation of which will cause exposure of workers or the general public to levels of radio frequency radiation in excess of the "Radio Frequency Protection Guides" recommended in "American National Standard Safety Levels with respect to Human Exposure to Radio Frequency Electromagnetic Fields, 300 kHz to 100 GHz," (ANSI C95. 1-1982), by the Institute of Electrical and Electronics Engineers, Inc., 345 East 47th Street, New York, New York 10017.

NOTE: In answering this question, applicants for MDS signal booster stations and MDS stations which transmit with an equivalent isotropically radiated power (EIRP) of 200 watts or less are excluded from the standards set forth in subparagraph (d) above. However, in determining the appropriate response to this question, such applicants must still perform an analysis of the subject facilities in the context of the matters set forth in subparagraphs (a) - (c) above.

If you answered No, a brief statement explaining the reasons why there will not be a significant environmental impact must be submitted. With respect to RF radiation exposure, the required statement must include a description of the steps that have been taken to protect the general public, station employees, and other persons authorized access to the tower from exposure to RF radiation levels in excess of the specified safety standards and that these steps comply with those required by OST Bulletin No. 65, October, 1985, entitled "Evaluating Compliance with FCC-Specified Guidelines for Human Exposure to Radiofrequency Radiation." The applicant must take into account ALL non-excluded transmitters at and around the station's transmitter site; that is, contributions to environmental RF levels from all nearby radio and television stations, not just the applicant's station, must be considered.

If you answered Yes, submit the required Environmental Assessment (EA). The EA includes for antenna towers and satellite earth stations:

(a) A description of the facilities, as well as supporting structures and appurtenances, and a description of the site, as well as the surrounding area and uses. If high intensity white lighting is proposed or utilized within a residential area, the EA must also address the impact of this lighting upon the residents.

(b) A statement as to the zoning classification of the site, and communications with, or proceedings before and determinations (if any) made by, zoning, planning, environmental or other local, state or federal authorities on matters relating to environmental effect.

(c) A statement as to whether construction of the facilities has been a source of controversy on environmental grounds in the local community.

(d) A discussion of environmental and other considerations which led to the selection of the particular site and, if relevant, the particular facility; the nature and extent of any unavoidable adverse environmental effects; and any alternative sites or facilities which have been or might reasonably be considered.

The information submitted in the EA shall be factual (not argumentative or conclusory) and concise with sufficient detail to explain the environmental consequences and to enable the Commission, after an independent review of the EA, to reach a determination concerning the proposal's environmental impact, if any. The EA shall deal specifically with any feature of the site which has special environmental significance (e.g., wilderness area, wildlife preserve, natural migratory paths for birds and other wildlife, and sites of historic, architectural or archeological value). In the case of historically significant sites, it shall specify the effect of the facilities on any district, site, building, structure or object listed in the National Register of Historic Places, 39 Fed. Reg. 6402 (February 19, 1974). It shall also detail any substantial change in the character of the land utilized (e.g., deforestation, water diversion, wetland fill, or other extensive change of surface features). In the case of wilderness areas, wildlife preserves, or other like areas, the statement shall discuss the effect of any continuing pattern of human intrusion into the area (e.g., necessitated by the operation and maintenance of the facilities).

The EA shall also be accompanied with evidence of site approval which has been obtained from local or federal land use authorities.

To the extent that such information is submitted in another part of the application, it need not be duplicated in the EA, but adequate cross-reference to such information shall be supplied.

An EA need not be submitted to the Commission if another agency of the Federal Government has assumed responsibility: (a) for determining whether the facilities in question will have a significant effect on the quality of the human environment and, (b) if it will affect the environment, for invoking the environmental impact statement process.

Protected Service Area

Item 11. Indicate in this item the nature of the protected service area. Individual stations licensed in conjunction with a BTA or PSA authorization do not have individually associated service areas; rather, the service area is that of the BTA or PSA. A BTA service area must include all the counties in that BTA as defined in the Rand McNally 1992 Commercial Atlas and Marketing Guide, 123rd Edition, pp. 36-39. Upon the removal of any portion of a BTA through partitioning, the remaining area is no longer a BTA but, itself, becomes a partitioned service area, defined by its counties or other recognized geopolitical subdivisions.

Item 12. If the proposed MDS station or signal booster station is not licensed in conjunction with a BTA or PSA authorization, but rather is associated with an "incumbent" MDS license, conditional license or application, give the geographic coordinates of the center of the fixed 56.33 kilometer (35 mile) circular protected service area. On September 1, 1995, the center coordinates of the circular protected areas became fixed at the then-authorized and/or previously proposed coordinates.

Item 13. This item must be answered only if the filing is for a station licensed in conjunction with a BTA authorization, including the six additional BTA-like areas defined by the Commission. BTA market designators and market names are listed in FCC Public Notices or in the FCC Record.

Item 14. This item must be answered only if the filing is for a station licensed in conjunction with an authorization for a partitioned service area (PSA). Identify each contiguous county or other recognized geopolitical subdivision in the space provided. If more space is needed, continue the description in an exhibit. Applicants not using electronic filing procedures may also submit a map depicting the PSA, if so desired.

INSTRUCTIONS FOR SECTION V. TRANSMITTING ANTENNA INFORMATION

Item 1. This item specifies numbers used to later-identify (Section VI., Item 8) the antennas described in Items 2 - 4, below. It serves no other purpose. A separate number is used to identify each different type of antenna to be included in a multiple-antenna array. Most MDS stations employ a single transmitting antenna, which entails completing only the leftmost column for items 2 - 4. This application form also accommodates the use of multiple antenna arrays, where the array is treated as a single entity. All antennas in the array must operate from the same site. The antenna array must have a single antenna radiation center height above ground and a "composite" horizontal plane radiation pattern, based on the superposition of the fields of its individual antennas, regardless of the degree of electrical coupling between the antennas. If more than one identical antenna is to be used in an array, these antennas need only be identified once; i.e., by one number in Item 1.

Items 2 - 3. These items describe an antenna(s) by its manufacturer and model number and must be completed regardless of whether a directional or omnidirectional antenna is being proposed. Manufacturer is the name of the company that made the antenna, and model number is the designation that the manufacturer assigns to the antenna.

Item 4. For a directional antenna in the horizontal plane, indicate the total beamwidth between the 3 dB (or 1/2 power) points in the major radiation lobe of the antenna or enter "omni" for an omnidirectional antenna; i.e., an antenna with an approximately circular radiation pattern. **Note:** 47 CFR Section 21.904, provides a formula for relating the antenna beam width and the maximum permissible effective isotropic radiated power (EIRP). For multiple antenna systems, the maximum permissible EIRP is that allowed for an omnidirectional antenna if the composite horizontal radiation pattern is approximately circular. Otherwise, the maximum EIRP in a main horizontal lobe is determined by the beam width of the dominant antenna in the array that produces that lobe.

Item 5. This item specifies the horizontal radiation pattern of a directional antenna or multiple-antenna array in terms of a tabulation of relative field strengths, which are used to calculate corresponding values for the amount of power radiated in different azimuths. If a single omnidirectional transmitting antenna is proposed, Item 5. is not applicable and may be omitted. If a single directonal antenna is proposed and the antenna manufacturer and model number are included in the Commission's list of common "off-the-shelf" directional antennas (periodically released by Public Notice), so indicate in Item 5b. and omit the tabulation of relative field strengths. Otherwise, tabulate the horizontal radiation pattern in Item 5d. by entering relative field strengths for the 36 azimuths given in the table. **For single antennas**, the radiation pattern must be entered in a "**normalized**" fashion, the method antenna manufacturers normally use to depict "polar diagrams" of horizontal radiation patterns. In a normalized radiation pattern, the antenna's main lobe, (or one of the main lobes where the relative field strength has a value of 1.0) is always pointed at True North, which is

an azimuth of 0 degrees. Starting at True North, give the relative field strengths at 10 degree intervals, proceeding clockwise around the radiation pattern. The FCC antenna data base allows for relative field strengths at ten additional azimuths, as selected by the applicant (the last set of columns in Item 5d.). Applicants should enter the azimuths corresponding to the maximum and minimum values of (normalized) relative field strengths for the antenna, if these azimuths are not a multiple of 10 degrees.

Where two or more transmitting antennas are used, the applicant must tabulate in Item 5d. the "composite" horizontal radiation pattern, regardless of the degree of electrical coupling between the antennas. For composite antennas, applicants may not refer to a composite pattern already "on file" in another MDS application or station authorization, nor a composite pattern contained in the FCC's directional antenna data base. Unlike the case of the normalized tabulation for a single antenna, complete the table in Item 5.d by entering the "**unnormalized**" relative field strengths of the composite antenna radiation pattern; i.e., the actual horizontal radiation pattern that will exist once the station is placed in operation. For example, if the antenna's main lobes are at azimuths of 40 and 220 degrees, enter in the table a relative field strength value of 1.0 at azimuths of 40 and 220 degrees, etc. Applicants should enter the azimuths corresponding to the maximum and minimum values of unnormalized relative field strengths for the antenna, if these azimuths are not a multiple of 10 degrees.

INSTRUCTIONS FOR SECTION VI.- REQUESTED TRANSMITTING FACILITIES

Item 1. This item specifies the channel(s) and any associated visual carrier frequency offset(s) for the proposed station operation. Allowable offsets are "+" (plus) and "-" (minus). For example, an applicant requesting use of the E-channel group with a plus (+) offset would enter the following: E1[+] E2[+] E3[+] E4[+]. An applicant would specify MDS channel 1 with no offset as: 1[ ], leaving the offset box empty. **Note**: Operation on the basis of a 10 kHz frequency offset requires that two cochannel stations operate with different visual carrier offsets, that the related transmitters meet the prescribed frequency tolerances in 47 CFR Section 21.101 and that the affected parties have agreed in writing to operate on the basis of frequency offset and that this application includes a statement to that effect, signed by both parties. By specifying a frequency offset, an applicant acknowledges compliance with these requirements, or is submitting with this application a request for waiver of the MDS interference protection standards, supported by full engineering justification.

Item 2. This item specifies the emission designators for the transmitter, which is normally the same as the type accepted/notification values. The visual and aural emission designators for the transmission of standard television signals are 5M75C3F and 250KF3E, respectively.

Item 3. This item specifies the polarization of transmitting antenna(s); enter "H" for horizontal polarization or "V" for vertical polarization. This application form and the FCC data base provide for a single polarization for each transmitting facility. Proposed use of any other type of polarization should be described in an exhibit.

Item 4. This item specifies the height of the antenna center of radiation above ground (in meters) which, together with the ground elevation of the site, is used in determinations of signal path obstructions.

Item 5. This item specifies the maximum effective isotropic radiated power (EIRP) in the horizontal plane, expressed in decibels above one watt (dBW). The specified EIRP should be that corresponding to an angle of zero degrees in the transmitting antenna's vertical radiation plane, regardless of whether or not antenna beam tilt is used. To calculate the EIRP in dBW, take the logarithm to the base ten of the transmitter output power (in watts), multiply by ten, add to the result the antenna gain (in dbi) and then subtact the sum of the losses from transmission line and other devices to be inserted between the transmitter and antenna (in dB). To convert EIRP from units of watts to dBW, take the logarithm to the base ten of the EIRP in watts and multiply the result by ten. **Note**: Applicants proposing to locate MDS stations or signal boosters within 80.5 kilometers (50 miles) of the Canadian or Mexican borders should attach an exhibit which specifies the maximum EIRP in the vertical plane, reflecting the use of antenna beam tilt, if applicable.

Item 7. Indicate whether the antenna is directional or omnidirectional in the horizontal plane and specify the amount of nonstandard antenna beam tilt, if any, accurate to the nearest 1/10th of a degree; i.e., beam tilt in addition to that incorporated into the antenna design. Beam tilt is not a factor in MDS interference calculations performed by the FCC staff in application acceptance studies, but will appear on MDS station licenses. For directional antennas in the horizontal plane, specify the azimuth orientation of the major lobe(s) of radiation in degrees clockwise from True North ("orientation of the main lobe".) In FCC computerized interference studies, the normalized relative fields of the antenna (Section V, Item 5.) are "rotated" by this angle in order to calculate the power radiated for 360 equally spaced radial azimuths. **Note**: Do not enter for this item the orientation of the line of symmetry between major radiation lobes.

Item 8. This item applies only to applications proposing the use of multiple tansmitting antennas. Indicate the azimuth of the major horizontal radiation lobe(s), degrees clockwise from True North, of each individual antenna in the system, usually also reflecting the physical orientation of the antenna. Use the antenna numbers (Section V., Item 1) to identify the individual antennas. For example, a proposed array consisting of two identical antennas radiating equal power, one pointed North, the other South, would be specified as follows:

	Antenna No.	Azimuth of Main Lobe(s)
First antenna	1	0
Second antenna	1	180
Third antenna		
Composite antenna array	***	0, 180

Note 1: Applications proposing to locate MDS transmit or signal booster stations within 80.5 kilometers (50 miles) of the Canadian or Mexican border must provide in an exhibit the following additional information about their proposed facilities: (a) transmitter peak visual output power (watts), transmitting antenna gain (dBi) and transmission system losses (dB); e.g., losses due to transmission line, diplexers, combiners, etc. This additional data is needed to meet international notification requirements.

Note 2: An indication as to the specific transmitter make and model is not required on the application. Rather, in filing a Certificate of Completion of Construction, an MDS licensee must certify that it has installed a transmitter that has been type accepted by the FCC for use in the MDS service pursuant to 47 CFR Sections 21.120. See also 47 CFR Section 21.908.

INSTRUCTIONS FOR SECTION VII. - ANTENNA STRUCTURE DATA

Item 1. The term "new" applies to the proposed construction of a new antenna structure or the use of a structure which contains no FCC licensees of any kind. The term "existing" applies to any structure with an antenna which is presently utilized by an existing FCC licensee(s).

Item 2. If item 1 is "Existing", enter the call sign of one existing FCC licensee using the structure and the radio service for that call sign.

Item 3. See antenna figure examples on the lower portion of this page. Indicate the number of the figure which most resembles your antenna structure. In item 3a., enter the type of supporting structure on which the antenna is or will be mounted (e.g., building, tower, tank, silo, building/tower, etc.) In item 3b., enter the height above ground in meters, to the highest point of the supporting structure only. For instance, if the antenna structure consists of a building/tower combination, include any elevator shaft, flag pole, or penthouse in the support structure height, but not the antenna,

tower, pole or mast. If the antenna structure is a tower only, include the height of the tower, but not the antenna. Refer to letter "b" in the antenna figure examples below. In item 3c., enter the overall height above ground in meters, of the entire antenna structure to the highest point, including any appurtenances. You must include antennas, dishes, or obstruction lighting. Refer to letter "d" in the antenna figure examples below.

Item 4. Enter the FCC assigned tower number if the tower is existing and the number is known.

Item 5. You must notify the Federal Aviation Administration on FAA Form 7460-1 (obtainable from any FAA office), with certain limited exceptions as set forth in Part 17 of the FCC Rules and Part 77 of the FAA Rules, of any of the following construction or alterations of an antenna structure:

(1) Construction of any new structure or alteration of any existing structure, which would result in the top of the antenna or the antenna structure exceeding a height of 61 meters (200 feet) above ground level at the antenna site.

(2) Construction of any new structure or alteration of any existing structure, which would result in the top of the antenna or the antenna structure exceeding the height of an imaginary surface extending outward and upward at one of the following slopes:

(a) 1 meter above the airport elevation for each 100 meters from the nearest runway longer than 1 kilometer within 6.1 kilometers of the antenna structure, excluding helicopter and seaplane bases with specified boundaries, if that airport is either listed in the Airport Directory of the current Airman's Information Manual or is operated by a Federal military agency.

(b) 2 meters above the airport elevation for each 100 meters from the nearest runway shorter than 1 kilometer within 3.1 kilometers of the antenna structure, excluding helicopter and seaplane bases with specified boundaries, if that airport is either listed in the Airport Directory or is operated by a Federal military agency.

(c) 4 meters above the airport elevation for each 100 meters from the nearest landing and takeoff area within 1.5 kilometers of the antenna structure of each heliport listed in the Airport Directory or that is operated by a Federal military agency.

(3) Any construction of an antenna structure (or any alteration of an antenna structure that would increase its height) on an airport listed in the Airport Directory of the current Airman's Information Manual.

4) When requested by the FAA, any construction or alteration that would be in an instrument approach area (defined in the FAA standards governing instrument approach procedures) and available information indicates it might exceed an obstruction standard of the FAA.

If you intend to install towers of unusual height or at locations in close proximity to aircraft landing areas, it will be to your advantage to discuss the location and height of the antenna in detail with the appropriate FAA area office before filing your application.

Item 6. If a Notice of Construction or Alteration has been filed with the FAA, enter "Y". If a Notice of Construction or Alteration has not been filed, enter "N". If "Y" (yes), enter the date filing was made with the FAA and the name of the regional FAA office where the filing was made. Also enter the FAA assigned Aeronautical Study Number, if known.

INSTRUCTIONS FOR SECTION VIII. - INTERFERENCE ANALYSIS AND NOTIFICATION REQUIREMENTS

The Commission's Rules require MDS applicants to perform certain analyses of the potential for causing harmful interference to authorized or previously proposed MDS and ITFS facilities and to serve these studies on affected licensees, conditional licensees, and/or applicants, together with a copy of this application form and related exhibits. Interference analyses do not have to be submitted with MDS applications filed at the FCC, although applicants may do so. In lieu of performing the required analyses, an applicant may submit a written statement(s) of "no objection" to the operation of the proposed station, signed by the licensee(s), conditional licensee(s) or applicant(s) whose facility(ies) otherwise must be included in the interference analyses. The Commission Rules also provide for notification of BTA and PSA authorization holders of the areas adjoining an applicant's protected service area. Before filing an application, an applicant should carefully review the rules governing interference protection, analysis and/or notifications, and the limiting MDS signal strength. These are contained in 47 CFR Sections 21.901, 21.902, 21.913, 21.937, and 21.938.

Items 1. - 6. of this section are the applicant's declaration of compliance with all required interference and signal strength analyses and/or notifications on or prior to the date of filing this application. Applicants are reminded that any such analyses or agreements must be available to the Commission, upon request. The Commission may also request evidence that an applicant properly notified MDS licensees or authorization holders.

FCC 304	Approved by OMB	FCC Use Only
FEDERAL COMMUNICATIONS COMMISSION	xxxxxxx	(File Number)
	Expires dd/mm/yy	
	Est. Avg. Burden Hours	
	Per Response: ## Hrs.	
Application for a Multipoint Distribution Service Authorization		
		Fee Use Only

Section I. General and Fee Information

1. Legal Name of Applicant			Telephone Number ( )
Mailing Street Address or P.O. Box ATTENTION:			
City		State	Zip Code
Call Letters	Other FCC identifier (if applicable)		

2. A. Is a fee submitted with this application? [ ] Yes No
B. If "No", indicate reason for fee exemption (see 47 CFR Section 1.1112 and go to Question 3.

[ ] Government Entity [ ] BTA or PSA Authorization Attained Directly Through Competitive Bidding

or

[ ] Nonfeeable Application

C. If "Yes", provide the following information:

(a) Fee Type Code	(b) Fee Multiple	(c) Fee Amount	(d) Fee Payor ID	FCC USE ONLY
		$		

CLASSIFICATION OF FILING

3. This filing is for a (an) (check one)
   - [ ] New station authorization
   - [ ] Major change to authorized station
   - [ ] Minor change pursuant to 47 CFR § 21.41
   - [ ] Notification pursuant to 47 CFR § 21.42
   - [ ] Major amendment to pending application
   - [ ] Minor amendment to pending application

4. The proposed station is associated with which type of protected service area? (check one)
   - [ ] Basic Trading Area (BTA) or partitioned service area (PSA)
   - [ ] Circular protected area, 56.33 kilometers (35 mile) radius

5. a. If filing references an existing station: call letters of existing station:	b. If filing amends a pending application: File number of pending application:

6. Type of station: (check one) [ ] MDS station [ ] Signal booster station

CONTACT REPRESENTATIVE

7. Name of Contact Representative (if other than applicant)		Telephone Number ( )
Firm or Company Name		
Mailing Street Address or P.O. Box		
City	State	Zip Code

8. **Certification of Person Responsible for Preparing Engineering Information Submitted in this Application.**

I certify that I am responsible for the preparation of the engineering information contained in this application, that I am familiar with Part 21 of the Commission's Rules and have either prepared or reviewed the engineering information submitted in this application, and that it is complete and accurate to the best of my knowledge.

Date	Type or Print Name of Person Certifying	Signature
Firm or Company Name		
Mailing Street Address or P.O. Box		City
State	Zip Code	Telephone Number (Area Code) ( )

9. **Certifications of Applicant**

Except for applicants for stations to be licensed in conjunction with an authorization for a Basic Trading Area (BTA) or partitioned service area (PSA), the applicant certifies that it has, or has reasonable assurance that it will have, the ability to meet the expected costs of constructing the facility within the construction permit period and the estimated operating expenses for twelve months and that the proposed station site will be available to the applicant for timely construction of the facilities during the initial construction period. I am familiar with Part 21 of the Commission's Rules and have either prepared or reviewed the information submitted in this application. The applicant waives any claim to the use of any particular frequency of the electromagnetic spectrum as against the regulatory power of the United States because of previous use of the same, whether by license or otherwise, and requests a construction authorization in accordance with this application. All statements made in the attached exhibits are a material part hereof and are incorporated herein as if set out in full in this application. The undersigned, individually and for the applicant, hereby certifies that the statements made in this application are true, complete and correct to the best of the signer's knowledge and belief, and are made in good faith.

By checking "Yes", below, the applicant certifies that, in the case of an individual applicant, he or she is not subject to a denial of federal benefits, that includes FCC benefits pursuant to Section 5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C. Section 862, or, in the case of a non-individual applicant (e.g., a corporation, partnership or other unincorporated association), no party to the application is subject to a denial of federal benefits that includes FCC benefits pursuant to that section. For the definition of a "party" for these purposes, see 47 CFR Section 1.2002(b).

[ ] Yes [ ] No

Failure to check "Yes" may cause dismissal of your application.

Date	Applicant (Must correspond with that shown on Page 1)	Type or Print Name of Person Signing
Signature		Title (Position Held by Person Signing)

Section II. Legal Information

1. **Licensee Qualification Report**: Does the applicant have a current "Licensee Qualification Report," FCC Form 430, on file for the MDS service? If "No", that form must be completed and submitted with this application. If "Yes", indicate the date of such filing with the MDS Section of the Video Services Division of the Mass Media Bureau: _____	[ ] Yes No
2. Applicant proposes service as a [ ] Common Carrier [ ] Non-common Carrier	

OWNERSHIP AND CONTROL OF FACILITIES

3. Are there any agreements or understandings existant or under negotiation which affect the ownership or control of the facilities proposed herein, or any right or interest therein by any person not party to this application? If "Yes", submit an exhibit explaining such understanding or agreements.	[ ] Yes No
4. Are there any agreements or understandings existant or under negotiation which affect the management or operation of the facilities proposed herein? If "Yes", submit an exhibit demonstrating how the applicant will retain control over the facilities and certifying compliance with 47 CFR Section 21.13(g).	[ ] Yes No
5. Does this application propose a new or modified station for which there is an ownership interest in, control by, affiliation with, or leasing arrangement with a cable television company? If "Yes", submit an exhibit describing the relationship with the cable company and a map or narrative depicting the overlap, if any, of the boundaries of the cable franchise area and MDS protected service area.	[ ] Yes No

INITIAL LONG-FORM APPLICATION OF AUCTION WINNERS ONLY

6. (a) Is this the initial long-form application for an MDS station within an auction winner's BTA service area; i.e., the first station to be licensed in this BTA to the auction winner?	[ ] Yes No
(b) If "Yes", has the applicant previously filed a Statement of Intent regarding this BTA?	[ ] Yes No
If this is the initial long-form application and the applicant has not previously filed a Statement of Intent, the applicant must submit the information specified in Questions 7, 8 and 9 of this section.	
7. Submit an exhibit pursuant to 47 CFR Section 1.2107(d) detailing the terms and and conditions and parties involved in any bidding consortia, joint venture, partnership or other arrangement the applicant had entered into relating to the competitive bidding process.	
8. Submit an exhibit pursuant to 47 CFR Section 21.956 providing information on the applicant's subsidiaries, affiliates, significant stockholders, and partners, if any.	
9 . Does the applicant claims status as a designated entity? If "Yes", submit an exhibit pursuant to 47 CFR Sections 1.2110(i) and 21.962(c) describing how the applicant satisfies the designated entity eligibility requirements, summarizing all agreements that affect designated entity status, and disclosing specified revenue and net worth information.	[ ] Yes No

Section III. **PURPOSE OF FILING**

1. The purpose of this filing is to: [ ]

Enter one or more letters that correctly describes the purpose of this filing.

A. request authorization for new station
B. request authority to add channel(s) to an E- or F- group authorization
C. request authority to change channel(s) within an authorized E- or F- group
D. request authority to relocate transmitting site
E. request authority to increase EIRP by more than 1 dB in any direction
F. request authority to increase antenna radiation center height above ground
G. request authority to increase overall height of antenna structure
H. request authority to change antenna polarization
I. request authority to change transmitter emission type or bandwidth

J. change antenna horizontal radiation pattern
K. change azimuth of main horizontal lobe of radiation
L. add or change visual frequency offset
M. decrease EIRP
N. change antenna radiation center height by less than 1.5 meters
O. increase overall height of antenna to a height of 6.1 meters or less above ground or building
P. decrease overall height of antenna structure
Q. delete a channel(s)
R. other facilities changes (submit exhibit explaining changes)
S. correct erroneous information on license not involving a major change pursuant to 47 CFR § 21.23 (submit exhibit if nature of correction(s) is not listed here.)

Section IV. Station Location Information

ANTENNA SITE LOCATION

1. Action requested [ ] Add new station [ ] Move location [ ] Correct coordinates (check one)

2. Street address or other description of antenna site

3. City:	4. State:	5. County:

6. Transmitting antenna site coordinates
   a. North latitude (DD-MM-SS) ____ __ ' __ "
   b. West longitude (DD-MM-SS) ____ __ ' __ "

7. Ground elevation above mean sea level (meters)

8. If changing antenna location or correcting antenna site coordinates, give coordinates of the site being changed or corrected. Note: Correction of site latitude or longitude or both by more than 10 seconds is a major change in authorized facilities.

   a. North latitude (DD-MM-SS) ___ __ ' __ "
   b. West longitude (DD-MM-SS) ____ __ ' __ "

9. **Quiet Zone**: Does this application propose to construct or modify a station in any "quiet zone" area where radio use is restricted? If "Yes", give the name of authority notified and date of notification. [ ] Yes No

a. Authority notified:	b. Date of notification:

10. **Environmental Policy**: Would a Commission grant of any proposal in this application or amendment have a significant environmental effect as defined by 47 CFR 1.1307? If "Yes", submit with the application the environmental assessment required by 47 CFR §§ 1.1308 and 1.1311. If "No", give a brief explanation of why there will not be a significant environmental effect (submit an exhibit if more space is necessary). [ ] Yes No

PROTECTED SERVICE AREA

11. The protected service area associated with the proposed station is a: (Check one)

[ ] Circle with radius of 56.33 km (35 miles)
[ ] Basic Trading Area (BTA) or one of the six additional BTA-like areas
[ ] Partitioned service area (PSA)

Note: By definition, a BTA authorization must include all counties of that BTA; i.e., no counties of a BTA have been partitioned to another entity. Upon the removal of any portion of a BTA through partitioning, the remaining area is no longer a BTA, but, itself, becomes a partitioned service area.

12. **For application proposals associated with a 56.33 km (35 mile) protected service area**, enter the geographic coordinates of the center of of the authorized circular protected service area. **Caution**: The center coordinates may not coincide with the antenna site coordinates if the site has been, or is herein proposed to be relocated.

a. North latitude (DD-MM-SS) ___ __ ' __ "

b. West longitude (DD-MM-SS) ___ __ ' __ "

13. **For applications proposing to locate the transmitting antenna site in a Basic Trading Area (BTA):**

BTA Numerical Designator	BTA Name (city/state)

14. **For applications proposing to locate the transmitting antenna site in a partitioned service area (PSA),** identify the contiguous counties and/or other political subdivisions that comprise the PSA in which the proposed antenna site will be located. A map depicting the PSA may be submitted, but is not required.

Section V. Transmitting Antenna Information

1. Antenna Number:	1	2	3
2. Manufacturer:			
3. Model Number:			
4. Beam Width: (or "omni")			

5. Tabulation of horizontal relative field strengths for a directional antenna or array.

a. The station at this site will use: [ ] a single antenna [ ] multiple antennas

b. **For single transmitting antenna systems,** is the horizontal radiation pattern for this antenna already tabulated in the FCC's directional antenna data base? [ ] Yes No If "No", enter in Question 5.d., values for the normalized horizontal relative field strengths for this antenna. Refer to the instructions for guidance.

c. **For multiple transmitting antenna systems,** tabulate in Question 5.d., values for the horizontal plane relative field strengths for the "composite" antenna system. Give the non-normalized (i.e., actual) relative field strength corresponding to each specified azimuth.

d.

Required Azimuths						Optional Azimuths	
Azimuth	Rel Field	Azimuth	Rel Field	Azimuth	Rel Field	Azimuth	Rel Field
0		120		240			
10		130		250			
20		140		260			
30		150		270			
40		160		280			
50		170		290			
60		180		300			
70		190		310			
80		200		320			
90		210		330			
100		220		340			
110		230		350			

Section VI. Requested Transmitting Facilities

1. Channel [offset]: __[ ] __[ ] __[ ] __[ ]

2. Emission Designator. Visual: [ ] Aural: [ ] | 3. Polarization: ___

4. Antenna Radiation Center Height Above Ground: ____ meters

5. Equivalent Isotropically Radiated Power: _____ dBW

6. Transmitting Antenna System: [ ] Single Antenna or [ ] Multiple Antennas

7. **Data for a Single Transmitting Antenna System**
   (a) Antenna Type: [ ] Omnidirectional or [ ] Directional

   (b) If Directional, Azimuth of Main Horizontal Lobe: ____ (c) Beam Tilt __.__

8. **Data for a Multiple ("Composite") Transmitting Antenna System**
   Give the main lobe azimuth(s) (clockwise from True North) of the each separate antenna in the multiple antenna array, and also give the main lobe azimuth(s) of the composite horizontal plane radiation pattern resulting from the combined use of these antennas Use the antenna numbers in Section V. that correspond to each different antenna in the array. For example, if the array consists of two identical antennas, the number 1 would be entered in the Antenna No. column for both the first and second antenna.

	Antenna No.	Azimuth of Main Lobe(s)
(a) First antenna		
(b) Second antenna		
(c) Third antenna		
(d) Composite antenna array	******	

Section VII. Antenna Structure Data

1. Structure is [ ] New [ ] Existing	2. Existing station using structure a. Call sign: b. Radio service:
3. Figure number (1, 2, or 3) of figures below which most resembles the structure: ___ a. Structure type: b. Height of support structure ("b" in figures): _____ meters c. Overall height of structure ("d" in figures): _____ meters	
4. FCC tower no. (if known):	5. Is FAA notification required? [ ] Yes No
6. If "Yes", FAA notified? [ ] Yes No	
a. Date FAA notification filed:	b. FAA regional office (city/state):
c. FAA study number (if known):	
d. If required FAA notification has not been made, briefly explain below.	

Figure 1

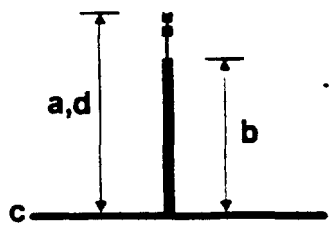


Figure 2

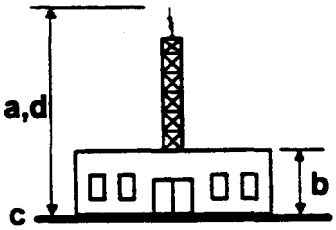
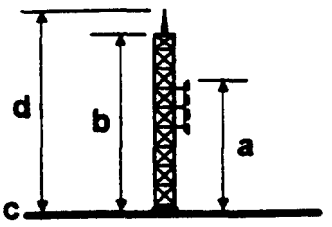


Figure 3



a = height to tip of antenna (AGL)

b = height of support structure (AGL)

c = ground elevation (AMSL)

d = overall height of structure including all appurtenances (AGL)

Section VIII. Interference Analysis and Notification Requirements

1. The applicant has met the following requirement to: (a) Prepare an analysis of the potential for harmful interference from its proposed facilty to the protected service area of all authorized and previously proposed "incumbent" MDS stations, for which the geographic coordinates of the center of the protected 56.33 kilometer (35 mile) circular areas are located within 160.94 kilometers (100 miles) of the proposed MDS station antenna site, [or 80.47 kilometers (50 miles) of a proposed signal booster site], and which operate or propose to operate on the same channel or an adjacent channel or, in lieu of an interference analysis to a particular station(s), (b) The applicant has previously filed or is filing with this application a written statement(s) of "no objection" to the operation of the proposed station from the licensee(s), conditional licensee(s) and/or applicant(s). (See 47 CFR Sections 21.902 and 21.937.)	[ ] Yes No
2. The applicant certifies that it has, on or before the date of submission of this application, served the above-referenced interference analyses, together with a copy of this application, on all "incumbent" MDS licensees, conditional licensees and/or applicants for which a written statement of "no objection" has not been submitted.	[ ] Yes No
3. The applicant certifies that it has, on or before the date of submission of this application: (a) Served written notice of this filing, including a copy of this application, on all authorization holders for an adjoining BTA or partitioned service area, provided the proposed facilities would produce an unobstructed electromagnetic signal path to any location within an adjoining BTA or partitioned service area or, alternatively, (b) Has previously filed or is filing with this application a written statement(s) of "no objection" to the operation of the proposed station from the applicable service authorization holders. Note: These notification or consent provisions do not apply to an MDS authorization holder or licensee with respect to an adjoining area authorized to the same entity.	[ ] Yes No

4. The applicant has prepared an analysis, which demonstrates that: (a) The proposed MDS station or signal booster would not produce a free space power flux density greater than - 73 dBW/m^2 at any point on the boundary of its protected service area for which there is an unobstructed electromagnetic signal path to the transmitting antenna or, alternatively, that (b) It has filed or is filing with this application, a written statement(s) of "no objection" to the operation of the proposed facility from authorization holders of an adjoining BTA or partitioned service area, permitting the power flux density to exceed the limiting value at the boundary.	[ ] Yes No
5. The applicant has prepared an analysis, which demonstrates that: (a) The proposed MDS station or signal booster would not cause harmful interference to any authorized E-, F-, G- or D-channel ITFS station with a transmitter site within 80.5 kilometers (50 miles) of the site coordinates of the proposed station or, alternatively, that (b) It is submitting with this application, a written statement(s) of "no objection" to the operation of the proposed station from the ITFS licensees and/or permittees pursuant to 47 CFR Section 21.902(i).	[ ] Yes No
6. The applicant certifies that it has, on or before the date of submission of this application, served the interference studies and a copy of this application on all ITFS licensees and permittees for which a written statement of "no objection" is not submitted with this application.	[ ] Yes No

Section IX. Other Information

1. The applicant has entered into an agreement(s) to operate the proposed station on the basis of visual carrier frequency offset with respect to one or more authorized stations or pending applications. If "Yes", submit an exhibit that identifies the parties with whom an offset agreement has been reached; include the name of the licensee, conditional licensee or applicant, station location, channel(s), frequency offsets ("+" or "-") and the call sign or application file, if known. Also include a signed statement from each affected licensee, conditional licensee or applicant who agrees to operate on the basis of frequency offset.	[ ] Yes No
2. In addition to the other interference analysis and/or notification requirements, **an applicant for an MDS signal booster**	
a. certifies that the site of the proposed signal booster is located within the applicant's protected service area.	[ ] Yes No
b. has included with the application a written consent statement of the licensee of each MDS, ITFS and OFS station whose signal is to be retransmitted.	[ ] Yes No
3. **Rule waivers and exceptions**: Is the proposal contained in this application inconsistent with any of the Commission's Rules? If "Yes", submit an exhibit describing all requests for waivers or exceptions, including justification and supporting documentation.	[ ] Yes No
4. **Additional Exhibits.** Provide any other information in attached exhibits that may be required by the Commission's Rules, but is not addressed in this form.	

Exhibit No.	Identity	Exhibit No.	Identity

Partial Dissenting Statement of Chairman Reed E. Hundt

Amendments of Parts 21 and 74 of the Commission's Rules with Regard to Filing Procedures in the Multipoint Distribution Service and in the Instructional Television Fixed Service and Implementation of Section 309(j) of the Communications Act - Competitive Bidding (MM Docket No. 94-131 and PP Docket No. 93-253)

For too many years, the MDS -- or wireless cable -- service has been plagued by backlogs, delays and outright fraud. One reason is sadly no secret. The Commission's policy of licensing MDS spectrum by lottery was an utter failure. As Congress explained when it granted the Commission auction authority, "[l]otteries engendered rampant speculation, undermined the integrity of the FCC's licensing process and, more importantly, frequently resulted in unqualified persons winning an FCC license."[1] The lottery policy did as much to stymie competition in the cable market as to foster it, and it denied the public the revenues to which it is entitled for use of the spectrum.

The Report and Order we adopt today marks a significant break from that past. Taking advantage of the authority granted by the Omnibus Budget Reconciliation Act of 1993 (the "Budget Act"), the Report and Order announces that MDS spectrum will henceforth be distributed by auction.[2] That policy change and others described in the Report and Order replace the old lottery system with a market-based approach that encourages aggregation of

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[1]House Comm. on the Budget, Report to H.R. 2264, H.R. Rep. No. 111, 103d Cong., 1st Sess., p. 248 (1993) ("House Report").

[2]The Report and Order also uses "MDS" to include both Multichannel Multipoint Distribution Service (MMDS) stations as well as single-channel Multipoint Distribution Service stations, and I follow that lead in this statement.